

[ CLAIMS ]

What is claimed is:

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obj 1. In a vehicle having a frame part and a wheel having a hub and an axle, the frame part having drop-out ends for receiving the axle of the hub and a fastening element connected to the frame part, a braking device comprising:

4 a brake carrier plate movable to a final mounting position relative to said vehicle  
5 frame part and being connectable to the hub;

6 an extension arm connected to said brake carrier plate; and

7 an adaptor arranged at said fastening element such that said extension arm  
8 connects with said adaptor as said brake carrier plate is moved into the final mounting position.

9 2. The braking device of claim 1, wherein the fastening element has two bores  
0 and is designed for receiving a caliper of disk brake, said adaptor being connected to said  
1 fastening element via at least one of the two bores.

2 Sub  
obj 3. The braking device of claim 1, wherein said extension arm comprises a  
3 recess and said adaptor comprises a guide, wherein said recess engages in said guide at a  
4 connection between said adaptor and said guide during the mounting of the braking device to  
the final mounting position.

1 4. The braking device of claim 2, wherein said adaptor is arranged at the one of  
2 the two bores that is closer to the drop-out end of said frame part than the other of said two  
3 bores.

1            1. The braking device of claim 1, wherein said braking device is a drum brake  
2 and the frame part is a front wheel fork of a bicycle.

1            2. The braking device of claim 3, wherein said adaptor is a rotationally  
2 symmetrical part and said guide comprises a peripheral groove.

1            3. The braking device of claim 3, wherein said recess tapers such that said  
2 recess is shaped for eliminating play at a joint formed by the connection.

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47 4. A kit for retrofitting a braking device on a vehicle designed for receiving  
disk brakes, the vehicle having a frame part having drop-out ends and a fastening element, the  
vehicle further including a hub of a wheel having an axle, the braking device being connectable  
to the hub via the axle at the drop-out ends of the frame part, said kit comprising:

5            a brake carrier plate having an extension arm, said brake carrier plate being  
6 connectable to the hub via the axle at the drop-out ends of the frame part; and

7            an adaptor connectable to the fastening element on the frame part such that the  
8 extension arm connects with the adaptor for transmission of braking forces when the brake  
9 carrier plate is mounted with the hub and axle at the drop-out ends of the frame part.

1            9. The kit of claim 8, wherein said kit is for retrofitting the braking device on a  
2 vehicle with a fastening element having two bores designed for receiving a disk brake caliper,  
3 said adaptor being connectable to the fastening element via at least one of the two bores.

1                          *Sub  
obj* 10. The kit of claim 8, wherein said extension arm comprises a recess and said  
2 adaptor comprises a guide, wherein said recess engages in said guide at a connection between  
3 said adaptor and said guide.

1                          11. The kit of claim 9, wherein said adaptor is arranged at the one of the two  
2 bores that is closest to the drop-out end of the frame part.

1                          *14* 12. The kit of claim 8, wherein said kit is for retrofitting a drum brake on a  
front wheel fork of a bicycle.

1                          *11* 13. The kit of claim 10, wherein said adaptor is a rotationally symmetrical part  
and said guide comprises a peripheral groove.

1                          *15* 14. The kit of claim 10, wherein said recess tapers such that said recess is  
shaped for eliminating play at a joint formed by the connection.

1                          *Sub  
obj* 15. A braking device for a hub of a wheel in a vehicle having a frame part  
2 with drop-out ends and a fastening part, the hub having an axle, said braking device  
3 comprising:

4                          a brake carrier plate having an extension arm, said brake carrier plate being  
5 connectable to the hub via the axle at the drop-out ends of the frame part; and

6                   an adaptor connectable to the fastening element on the frame part such that the  
7 extension arm connects with the adaptor for transmission of braking forces when the brake  
8 carrier plate is mounted with the hub and axle at the drop-out ends of the frame part.

1                   16. The braking device of claim 15, wherein said extension arm comprises a  
2 recess and said adaptor comprises a guide, wherein said recess engages in said guide at a  
3 connection between said adaptor and said guide when said brake carrier plate being  
4 connectable to the hub via the axle at the drop-out ends of the frame part.

10                  17. The braking device of claim 15, wherein said braking device is a drum  
brake and the frame part is a front wheel fork of a bicycle.

11                  18. The braking device of claim 16, wherein said adaptor is a rotationally  
symmetrical part and said guide comprises a peripheral groove.

12                  19. The braking device of claim 16, wherein said recess tapers such that said  
recess is shaped for eliminating play at a joint formed by the connection.